

PATENT APPLICATION FEE DETERMINATION RECORD

Effective November 10, 1998

Application or Docket Number

09/454,865

CLAIMS AS FILED - PART I

| FOR | (Column 1) NUMBER FILED | (Column 2) NUMBER EXTRA |
|----------------------------------|----------------------------|----------------------------|
| BASIC FEE | | |
| TOTAL CLAIMS | 27 minus 20 = | |
| INDEPENDENT CLAIMS | 10 minus 3 = | |
| MULTIPLE DEPENDENT CLAIM PRESENT | | |

* If the difference in column 1 is less than zero, enter "0" in column 2

CLAIMS AS AMENDED - PART II

| AMENDMENT # | (Column 1) CLAIMS REMAINING AFTER AMENDMENT | (Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR | (Column 3) PRESENT EXTRA |
|------------------------------------------------|------------------------------------------------|--------------------------------------------------|-----------------------------|
| Total | 27 Minus | 27 | |
| Independent | 10 Minus | 10 | |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | |

| SMALL ENTITY TYPE <input type="checkbox"/> OR OTHER THAN SMALL ENTITY | |
|-----------------------------------------------------------------------|--------|
| RATE | FEE |
| | 380.00 |
| X\$ 8= | |
| | |
| | |
| | |
| TOTAL | 1432 |

| SMALL ENTITY OR OTHER THAN SMALL ENTITY | |
|-----------------------------------------|----------------|
| RATE | ADDITIONAL FEE |
| X\$ 8= | |
| | |
| | |
| | |
| TOTAL ADDIT. FEE | |

| AMENDMENT # | (Column 1) CLAIMS REMAINING AFTER AMENDMENT | (Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR | (Column 3) PRESENT EXTRA |
|------------------------------------------------|------------------------------------------------|--------------------------------------------------|-----------------------------|
| Total | 27 Minus | 27 | |
| Independent | 10 Minus | 10 | |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | |

| SMALL ENTITY OR OTHER THAN SMALL ENTITY | |
|-----------------------------------------|----------------|
| RATE | ADDITIONAL FEE |
| X\$ 8= | |
| | |
| | |
| | |
| TOTAL ADDIT. FEE | |

| AMENDMENT # | (Column 1) CLAIMS REMAINING AFTER AMENDMENT | (Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR | (Column 3) PRESENT EXTRA |
|------------------------------------------------|------------------------------------------------|--------------------------------------------------|-----------------------------|
| Total | 27 Minus | 27 | |
| Independent | 10 Minus | 10 | |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | |

| SMALL ENTITY OR OTHER THAN SMALL ENTITY | |
|-----------------------------------------|----------------|
| RATE | ADDITIONAL FEE |
| X\$ 8= | |
| X = | |
| | |
| | |
| TOTAL ADDIT. FEE | |

- * If the entry in column 1 is less than the entry in column 2, enter "0" in column 3.
- * If the "Highest Number Previously Paid For" in THIS SPACE is less than 20, enter "20."
- * If the "Highest Number Previously Paid For" in THIS SPACE is less than 3, enter "3."
- The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in columns 1.